

PROSPECTS 5.0 Industry 5.0 Wiki

Did You Know Series

Date	: 17.10.2024
Task	: Task 5.2
Partner	: GTW Bearings s. r. o. (GTW)
Author	: Menclová Lucie

Industry 5.0 extends the advancements of Industry 4.0

Industry 4.0 is limited by the higher productivity that smart manufacturing systems provide. The new version of Industry 4.0 is termed Industry 5.0 and it refers to the fifth industrial revolution and is an emerging concept that builds on the advancements of Industry 4.0. Thus, industry 5.0 is an extension and further advancement of Industry 4.0, which focuses on automation, connectivity, and data exchange in manufacturing processes. Industry 5.0 introduces a new level of human-machine collaboration and emphasizes the importance of human creativity and skills alongside advanced technologies.

Source: K. Das, B. Saikia, and N. Bora, 'ROLE OF MATHEMATICS TO BUILD A SUSTAINABLE FUTURE FOR INDUSTRY 5.0', *JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES*, vol. 19, pp. 80–93, Aug. 2024.



PROSPECTS^{5.0}



PROSPECTS5-0



PROSPECTS5-0



PROSPECTS5_0



PROSPECTS5-0.EU

